

**Commonwealth of Kentucky
Division for Air Quality**

PERMIT APPLICATION SUMMARY FORM

Completed by: Herbert Campbell

GENERAL INFORMATION:

Name:	Kentucky Utilities Company - E.W. Brown Generating Station
Address:	Mercer County, Curdsville Road, Burgin, Kentucky
Date application received:	December 16, 1996
SIC/Source description:	4911/Electric Power Generation
EIS #:	21-167-00001
Application log number:	50118/E992
Permit number:	V-03-034

APPLICATION TYPE/PERMIT ACTIVITY:

<input checked="" type="checkbox"/> Initial issuance	<input type="checkbox"/> General permit
<input type="checkbox"/> Permit modification	<input type="checkbox"/> Conditional major
__Administrative	<input checked="" type="checkbox"/> Title V
__Minor	<input type="checkbox"/> Synthetic minor
__Significant	<input checked="" type="checkbox"/> Operating
<input type="checkbox"/> Permit renewal	<input type="checkbox"/> Construction/operating

COMPLIANCE SUMMARY:

<input type="checkbox"/> Source is out of compliance	<input type="checkbox"/> Compliance schedule included
<input checked="" type="checkbox"/> Compliance certification signed	

APPLICABLE REQUIREMENTS LIST:

<input type="checkbox"/> NSR	<input checked="" type="checkbox"/> NSPS	<input checked="" type="checkbox"/> SIP
<input checked="" type="checkbox"/> PSD	<input type="checkbox"/> NESHAPS	<input type="checkbox"/> Other
<input type="checkbox"/> Netted out of PSD/NSR	<input type="checkbox"/> Not major modification per 401 KAR 51:017, 1(23)(b) or 51:052,1(14)(b)	

MISCELLANEOUS:

- ☒ Acid rain source
- ☒ Source subject to 112(r)
- ☐ Source applied for federally enforceable emissions cap
- ☐ Source provided terms for alternative operating scenarios
- ☐ Source subject to a MACT standard
- ☐ Source requested case-by-case 112(g) or (j) determination
- ☐ Application proposes new control technology
- ☒ Certified by responsible official
- ☒ Diagrams or drawings included
- ☐ Confidential business information (CBI) submitted in application
- ☐ Pollution Prevention Measures
- ☐ Area is non-attainment (list pollutants):

Emissions Summary

Pollutant	Actual (tpy)	Potential (tpy)
PM ₁₀	257	7479
SO ₂	45260	72170
NO _x	7741	14913
CO	488	989
VOC	57	133
LEAD	0.24	0.387
HCl (7647-01-0)	3237	3237
HF (7664-39-3)	223	223

Source Description:

The source is an electric power generating plant that has three pulverized coal-fired boilers and seven combustion turbines. The boilers have input ratings of 1260 MMBtu/hour, 1733 MMBtu/hour, and 4128 MMBtu/hour. All boilers are dry bottom, tangentially fired, and equipped with low nitrogen oxide burners and electrostatic precipitator. Five of the combustion turbines have ratings of 1368 MMBtu/hour each and two of the combustion turbines have ratings of 1678 MMBtu/hour each.

Comments:

In this present action this permit will supercede draft permit number V-97-046 which in a previous action was prepared in draft form, taken to public notice, but was never issued as a proposed or final Title V document.